AS) SBRNO-162/15-16

Original/Duplicate/Triplicate
CONTRACT CERTIFICATE

(For Other Works)

No. ***First & Final***

Date. 3-9-.....2014

Division: **BBMP, Byatarayanapura** Sub-Division: **BBMP, Vidyaranyapura**

Bill Received No. 211 Dated 20/11/15 Divisional / Sub Divisional

Cash Book Voucher No..... Dated.....

Schedule Docket No. Head of Account: P-1878

Work Code: 011-12-000025

Est.Cost: 10.00 Lakhs D.R.No. :

Name of Work (as per sanctioned estimate: **Improvements to Roads and Drains in Singapura Paradise low level areas in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.**

Name of Contractor and Full Address: ***Sri. Subbanna, Contractor, Singapura, Vidyaranyapura, Bangalore – 560 097.***

Reference to Agreement No. **EE/BTP/BBMP/ E-TND/WO/147/2013-14** Date: **09.10.2013**

Certified that the measurements were taken by me on 21/9/15 and recorded of **Pages** 261910 **to** 261918 of measurement Book No. 2620 and that the work is satisfactorily executed.

Contractor ಸುಬ್ಬಣ್ಣ **Officer-in-charge of work**

Certified that the measurement were taken by me on ..21/9/15.....and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ ಕಛೇರಿ
ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪ ವಿಭಾಗ
ಯಲಹಂಕ ವಲಯ,
ಬೃ. ಬೆಂ. ಮ. ಪಾ., ಬೆಂಗಳೂರು-97

II Memorandum of Payment

1)	Total value of work done or supplies made as per account within	708153
2)	Deduct amount to be held in reserve being .....percent Rs.....	II 7082
3)	" Balance	WT 28326
4)	Deduct Payment:	Lwc 7082
a.	Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No..... adjusted towards cash advance recovery of	CPF 708
b.	Payments Now made } cost store or other material supplied. recovery of amount creditable to this/other work Amount paid on this bill Cheque / Cash.	Roy 27625
5)	Balance being unpaid value of work done held in reserve.	FSN 35408
6)	Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.	
7)	Net amount due to or from Contractor unadjustments items.	
8)	Advance to Contractor for materials brought to site (as detailed) within.	
9)	Value of Government materials supplied.	Total amount adjusted - 106231

Contractor's Signature

Received Rs..... (in words).....
.....
by cash and by adjustment of Payment as per memorandum
(in final settlement of all demands)

601927

(For use in the Office)

Witness
1.
2.

Stamp

Dated Signature of Contractor

Paid by me by Cheque No.....Dated.....

Cash Rs.....

Dated.....

708153
106231
601927

Initials of Officer making payment

Executive Engineer

Sl. No.		Unit
1	Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods etc complete as per specifications and directions of engineer in charge of the work	Cum
2	Earth work excavation by manual means in Hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods etc complete as per specifications and directions of engineer in charge of the work	Cum
3	Removing B.S. Slab Drain and stacking etc complete as per specifications and directions of engineer in charge of the work	Sqm
4	Refixing stone slabs of drains and pointing in CM (1:3) etc complete as per specifications and directions of engineer in charge of the work	Sqm
5	Providing **7.5 cms thick** granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc complete as per specifications and directions of engineer in charge of the work	Sqm
6	Construction of embankment with approved materials Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications. which includes cost of gravel / Murrum, watering charges & compaction by vibratory roller) etc complete as per specifications and directions of engineer in charge of the work	Cum
7	Providing and laying in position **plain cement concrete of mix M7.5 with OPC cement @ 180 Kgs** using 40mm and down size graded granite metal, corse aggregates @ 0.85 cum and fine aggregtes @ 0.58cum machine mixed, concrete laid in layers not exceeding 15 cms thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing etc complete as per specifications and directions of engineer in charge of the work	Cum
8	Providing and constructing granite / trap / basalt size stone masonry in foundation **cement mortar 1:6**, stone hammered dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing etc complete as per specifications and directions of engineer in charge of the work	Cum
9	Providing and laying in position plain cement concrete of **mix M15 with cement @ 240 kgs with 20mm** and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum, machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing etc complete as per specifications and directions of engineer in charge of the work	Cum
10	Providing flush pointing to square rubble, course or uncoursed stone masonry with **cement mortar 1:3,** 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing etc complete as per specifications and directions of engineer in charge of the work	Sqm
11	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour etc complete as per specifications and directions of engineer in charge of the work	Sqm
12	Providing and laying in position **reinforced cement concrete of design mix M20 with OPC cement @ 320 Kgs with 20mm** and down size graded granite metal coarse aggregates @ 0.878cum and fine aggregates @ 0.459 cum wuth superplastisier @ 3lts confirming to IS 9103-1999 reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, return walls, wall (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing etc complete as per specifications and directions of engineer in charge of the work	Cum
13	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery etc complete as per specifications and directions of engineer in charge of the work	Qtl
14	Providing, laying, spreading and compacting stone aggregates of specific size to water bound macadam specifications. Including spreading in uniform thickness, hand packing, rolling with 3-whelled steel / vibratory roller 8-10 tonnes in stages to proper grade and camber, applying and brooming requisite type of screening / binding materials to fill up the interstices of coarse aggregates, watering and compacting to the required density complete as per specifications. B by mechanical meansCrushable type **such as moorum or gravel for grading II** , etc complete as per specifications and directions of engineer in charge of the work	Cum

Previous Measurement		Present Measurement			Total Upto Date		Remarks
Qty.	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
-	-	491.40 241.19	61.00	29975.40 14712	491.40	29975.40 14712 =00	
-	-	124.64 22.08	84.00	10469.76 1855 -	124.64	10469.76 1858	
-	-	596.70	46.00	27448.20	596.70	27448.20	
-	-	596.70	58.00	34608.60	596.70	34608.60	
-	-	369.60	322.00	119011.20	369.60	119011.20	
-	-	0.00	0.00	0.00	0.00	0.00	
-	-	5.94 2.92	3821.00	22696.74	5.94	22696.74 11348 =00	
-	-	15.84 7.92	2743.00	43449.12	15.84	43449.12 21725 =	
-	-	2.65 1.32	4328.00	11469.20	2.65	11469.20 5713	
-	-	28.60 13.20	74.00	2116.40	28.60	2116.40 922 =	
-	-	79.04 20.98	215.00	16993.60	79.04	16993.60 4510 =	
-	-	8.94 4.72	5138.00	45933.72	8.94	45933.72 24251 =	
-	-	7.15 4.30 Qty	7127.00	50958.05 30646	7.15 4-30 Qty	50958.05 30646 =	
-	-	0.00	0.00	0.00	0.00	0.00	

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ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪ ವಿಭಾಗ,
ಯಲಹಂಕ ವಲಯ,
ಬೃ. ಬೆಂ. ಮ. ಸಾ.. ಬೆಂಗಳೂರು-97

Sl. No.		Unit
15	Providing, laying, spreading and compacting stone aggregates of specific size to water bound macadam specifications. Including spreading in uniform thickness, hand packing, rolling with 3-whelled steel / vibratory roller 8-10 tonnes in stages to proper grade and camber, applying and brooming requisite type of screening / binding materials to fill up the interstices of coarse aggregates, watering and compacting to the required density complete as per specifications. B by mechanical means Crushable type **such as moorum or gravel for grading III**, etc complete as per specifications and directions of engineer in charge of the work	Cum
16	Lead for Disposal of Debris shall be payable at carriage rates by Mechanical means inlcuding loading and unloading etc complete as per specifications and directions of engineer in charge of the work	Cum
	EIRL	
17	Providing, laying, spreading and compacting graded stone aggregate to **wet mix macadam** specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density etc complete as per specifications and directions of engineer in charge of the work	Cum
18	Cleaning the existing WBM road surface including removing of binding materials and other foreign matter with wire bushes and small picks, sweeping with brooms or soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries, curing etc complete as per specifications and directions of engineer in charge of the work	Sqm
19	Providing and applying primer coat with bitumen emulsion on prepared surface of granular base including clearing of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means etc complete as per specifications and directions of engineer in charge of the work	Sqm
20	Providing and laying **semi dense bituminous concrete** 25mm thick with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 4.5 to 5% of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem roller to achieve the desired compaction as per MORTH specifications clause No. 500.8 complete in all respects as per specifications. **With 80/100 grade bitumen,** etc complete as per specifications and directions of engineer in charge of the work	Cum
	Total	

CERTIFICATE :

1. Certified that the above work done satisfactory and no materials issued from departmentally.

Previous Measurement		Present Measurement			Total Upto Date		Remarks
Qty.	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
-	-	0.00	0.00	0.00	0.00	0.00	
-	-	585.24	71.90	42078.76	585.24	42078.76	
-	-						
-	-	206.44	1027.80	212179.03	206.44	212179.03	
-	-	1144.00	9.01	10307.44	1144.00	10307.44	
-	-	1144.00	38.45	43986.80	1144.00	43986.80	
-	-	28.60	8565.01	244959.29	28.60	244959.29	
				968641.30		**968641.30**	